

**Table 1-6B**

**Los Angeles County**

**Mitigation Measures**

**Table 1-6B. Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
<b>AESTHETICS (LOS ANGELES COUNTY)</b>			
<b>Impact 4.1-1:</b> The project would have a substantial adverse effect on a scenic vista.	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
<b>Impact 4.1-2:</b> The project would substantially degrade the existing visual character or quality of the site and its surroundings.	Significant	<p><b>MM 4.1-1LA:</b> The applicant shall clear debris from the project area, including adjacent streets and easements, at least twice per year; this can be done in conjunction with regular panel washing and site maintenance activities. The applicant shall erect signs with contact information for the applicant's maintenance staff at regular intervals along the site boundary, as required by the Los Angeles County Department of Regional Planning. Maintenance staff shall respond within two weeks to resident requests for additional cleanup of debris.</p> <p><b>MM 4.1-2LA:</b> During construction, any areas used for storage of equipment, vehicles, or construction materials and located within 200 feet of an occupied residence shall be screened from the residence using metal fence slats or similar view-screening materials. Such areas shall be maintained clear of debris. Maintenance staff shall respond within two weeks to resident requests for additional cleanup of construction waste or debris.</p> <p>Prior to start of operations, the applicant shall install metal fence slats or similar view-screening materials as approved by the Los Angeles County Department of Regional Planning in all on-site perimeter fencing adjacent to parcels zoned for residential use (R-1, R-2, R-3, R-A, or RPD), unless the adjacent property is owned by the project proponent (to be verified by the Department of Regional Planning) or a public or private agency that has submitted correspondence to the Department of Regional Planning requesting this requirement be waived. Should the project proponent or agency sell the adjacent property, slat fencing or similar view-screening materials will need to be installed prior to the sale.</p> <p><b>MM 4.1-3LA:</b> Drought-tolerant plants, to be approved by the Los Angeles County Department of Regional Planning, shall be planted along the fenceline at 500-foot intervals where the adjoining property is zoned for residential use (R-1, R-2, R-3, R-A, or RPD), unless the adjacent property is owned by the project proponent (to be</p>	Significant and Unavoidable

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
		verified by the Department of Regional Planning) or a public or private agency that has submitted correspondence to the Department of Regional Planning requesting this requirement be waived. Should the project proponent or agency sell the adjacent property, drought-tolerant will need to be planted prior to the sale.	
<b>Impact 4.1-3:</b> The project would create a new source of substantial light or glare that would adversely affect day or nighttime views in the area.	Significant	<p><b>MM 4.1-4LA:</b> Project facility lighting shall be designed to provide the minimum illumination needed to achieve safety and security objectives. All lighting shall be directed downward and shielded to focus illumination on the desired areas only and avoid light trespass into adjacent areas. Lenses and bulbs shall not extend below the shields.</p> <p><b>MM 4.1-5LA:</b> Where appropriate, proposed on-site buildings (and, as appropriate, other equipment) shall use non-reflective materials and neutral colors as approved by the Los Angeles County Department of Regional Planning.</p> <p><b>MM 4.1-6LA:</b> Solar panels and hardware shall be designed to minimize glare and spectral highlighting. To the extent feasible, emerging technologies shall be utilized that introduce diffusion coatings and nanotechnological innovations that will effectively reduce the refractive index of the solar cells and protective glass. These technological advancements are intended to make the solar panels more efficient at converting incident sunlight into electrical power, but have the tertiary effect of reducing the amount of light that escapes into the atmosphere in the form of reflected light, which would be the potential source of glare and spectral highlighting.</p>	Less than Significant
Cumulative	Cumulatively Significant	Implementation Mitigation Measures 4.1-1 through 4.1-6.	Cumulatively Significant and Unavoidable
<b>AGRICULTURE AND FOREST RESOURCES (LOS ANGELES COUNTY)</b>			
<b>Impact 4.2-1:</b> The project would convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring	Significant	<b>MM 4.2-1LA:</b> Prior to issuance of a grading or building permit, whichever occurs first, the applicant shall provide written evidence of completion of one or more of the following measures to mitigate the loss of Important Farmland at a ratio of 1:1 for net acreage before conversion and for Swanson's hawk. Net acreage is to be calculated by excluding existing roads. Due to the fact that the California Department of Fish and Game has indicated that agricultural land is the best foraging habitat for Swainson's hawk, acreages required for Swainson's hawk mitigation and for agricultural land mitigation are the same. A plot plan shall be submitted substantiating the net acreage calculation along with written evidence of compliance.	Significant and Unavoidable

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
Program of the California Department of Conservation, to nonagricultural use.		<p data-bbox="697 350 901 375">Farmland Options:</p> <ul style="list-style-type: none"> <li data-bbox="697 394 1663 451">a) Funding and purchase of agricultural conservation easements (will be managed and maintained by an appropriate entity);</li> <li data-bbox="697 464 1610 488">b) Purchase of credits from an established agricultural farmland mitigation bank;</li> <li data-bbox="697 505 1663 561">c) Contribution of agricultural land or equivalent funding to an organization that provides for the preservation of farmland in California; or</li> <li data-bbox="697 574 1663 631">d) Participation in any agricultural land mitigation program adopted by Kern County that provides equal or more effective mitigation than the measures listed above.</li> </ul> <p data-bbox="697 644 1663 863">Mitigation land would meet the definition of Prime Farmland or Farmland of Statewide Importance established by the State Department of Conservation on any qualifying land in the State of California. For the purposes of Swanson's hawk mitigation, completion of the selected measure(s) must be on qualifying land within the Antelope Valley (Kern or Los Angeles Counties) and must be within the foraging habitat of the Swainson's hawk as defined by the California Department of Fish and Game. The following options can be completed in any combination.</p> <p data-bbox="697 876 983 901">Swainson's Hawk Options:</p> <ul style="list-style-type: none"> <li data-bbox="697 917 1663 1135">1) Fund and purchase agricultural conservation easements (will be managed and maintained by an appropriate entity) on land that meets the definition of Prime Farmland or Farmland of Statewide Importance established by the State Department of Conservation in the Antelope Valley, and is within the foraging habitat of the Swainson's hawk as defined by the California Department of Fish and Game and within five miles of a known active Swainson's hawk nest. This option can be completed in conjunction with Option A as detailed above;</li> <li data-bbox="697 1148 1663 1297">2) Fund and purchase a conservation easement (that will be managed and maintained by an appropriate entity) on native land within the Swainson's hawk foraging habitat in the Antelope Valley at a ratio to be determined through consultation with the California Department of Fish and Game within five miles of a known active Swainson's hawk nest; or</li> <li data-bbox="697 1310 1663 1469">3) Should the project proponent exhaust all available land in the Antelope Valley, they must submit proof to the Los Angeles County Planning and Department. Once the proof has been accepted by the Los Angeles County Planning Department the project proponent must fund and purchase agricultural conservation easements (will be managed and maintained by an appropriate entity) on land that meets the</li> </ul>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
		definition of Prime Farmland or Farmland of Statewide Importance established by the State Department of Conservation anywhere in the State of California. Qualifying land must be within the foraging habitat of the Swainson's hawk as defined by the California Department of Fish and Game and within ten miles of a known active Swainson's hawk nest.	
<b>Impact 4.2-2:</b> The project would conflict with existing zoning for agricultural use or a Williamson Act Contract.	Significant	Implementation of Mitigation Measure 4.2-1.	Significant and Unavoidable
<b>Impact 4.2-3:</b> The project would involve other changes in the existing environment that, because of their location or nature, could result in conversion of Farmland to nonagricultural use or conversion of forestland to non-forest use.	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan are required. No additional mitigation measures are proposed.	Less than Significant
<b>Impact 4.2-4:</b> The project would result in the cancellation of an open space contract made pursuant to the California Land Conservation Act of 1965 or Farmland Security Zone Contract for any parcel of 100 or more acres (PRC Section 15206(b)(3)).	Significant	Implementation of Mitigation Measure 4.2-1.	Significant and Unavoidable
Cumulative	Cumulatively Significant	Implementation of Mitigation Measure 4.2-1.	Significant and Unavoidable

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
<b>AIR QUALITY (LOS ANGELES COUNTY)</b>			
<b>Impact 4.3-1:</b> The project would conflict with or obstruct implementation of an applicable air quality plan.	Less than significant	<p><b>MM 4.3-1LA:</b> Construction and operation of the proposed project shall be conducted in compliance with applicable rules and regulations set forth by the Antelope Valley Air Quality Management District. Dust control measures outlined below shall be implemented where they are applicable and feasible. The list shall not be considered all-inclusive and any other measures to reduce fugitive dust emissions not listed shall be encouraged.</p> <p>a) Land Preparation, Excavation and/or Demolition. The following dust control measures shall be implemented:</p> <ul style="list-style-type: none"> <li>i) All soil excavated or graded shall be sufficiently watered to prevent excessive dust. Watering shall occur as needed with complete coverage of disturbed soil areas. Watering shall take place a minimum of three times daily on unpaved/untreated roads used for active operations and on disturbed soil areas with active operations.</li> <li>ii) All clearing, grading, earth moving, and excavation activities shall cease during periods of winds greater than 20 miles per hour (averaged over one hour), if disturbed material is easily windblown; or when dust plumes of 20 percent or greater opacity impact public roads, occupied structures or neighboring property.</li> <li>iii) All fine material transported off-site shall be either sufficiently watered or securely covered to prevent excessive dust.</li> <li>iv) Areas disturbed by clearing, earth moving, or excavation activities shall be minimized at all times.</li> <li>v) Stockpiles of soil or other fine loose material shall be stabilized by watering or other appropriate method to prevent wind-blown fugitive dust.</li> <li>vi) Where acceptable to the fire department, weed control shall be accomplished by mowing instead of discing, thereby, leaving the ground undisturbed and with a mulch covering.</li> </ul> <p>b) Site Construction. After clearing, grading, earth moving and/or excavating, the following dust control practices shall be implemented:</p> <ul style="list-style-type: none"> <li>i. Once initial leveling has ceased, all inactive soil areas within the construction site shall either be seeded and watered until plant growth is evident, treated</li> </ul>	Less than significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>with a non-toxic dust palliative, or watered twice daily until soil has sufficiently crusted to prevent fugitive dust emissions.</p> <p>ii. All active disturbed soil areas shall be sufficiently watered at least twice daily to prevent excessive dust.</p> <p>iii. Vehicles accessing the site will be provided with oral instructions or maps depicting access routes to minimize travel on unimproved roadways in the vicinity of the site.</p> <p>c) Vehicular Activities. During all phases of construction, the following vehicular control measures shall be implemented:</p> <p>i. On-site vehicle speed shall be limited to 15 miles per hour.</p> <p>ii. All areas with vehicle traffic shall be paved, treated with non-toxic dust palliatives, or watered a minimum of twice daily.</p> <p>iii. Streets adjacent to the project site shall be kept clean and project related accumulated silt shall be removed.</p> <p>iv. Access to the site shall be by means of an apron into the project site from adjoining surfaced roadways. The apron shall be surfaced or treated with non-toxic dust palliatives. If operating on soils that cling to the wheels of vehicles, a grizzly or other such device shall be used on the road exiting the project site, immediately prior to the pavement, in order to remove most of the soil material from vehicle tires.</p> <p>v. The project proponent and/or its contractor(s) shall adopt travel routes and plans, as deemed appropriate, to minimize the inefficient use of vehicles and other equipment.</p> <p>vi. Diesel engine idle time shall be restricted to no more than 5 minutes as required by the CARB engine idling regulation. Exceptions in the regulation include vehicles that need to idle as part of their operation, such as concrete mixer trucks.</p> <p><b>MM 4.3-2LA:</b> The project proponent and/or its contractor(s) shall implement the following measures during construction of the proposed project:</p> <p>a) All equipment shall be maintained as recommended by manufacturer's manuals.</p> <p>b) Equipment shall be shut down when not in use for extended periods of time.</p> <p>c) Construction equipment shall operate no longer than eight (8) cumulative hours</p>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>per day.</p> <p>d) Electric equipment shall be used whenever possible in lieu of diesel or gasoline powered equipment.</p> <p>e) All construction vehicles shall be equipped with proper emissions control equipment and kept in good and proper running order to substantially reduce NO<sub>x</sub> emissions.</p> <p>f) On-road and off-road diesel equipment shall use diesel particulate filters if permitted under manufacturer's guidelines.</p> <p><b>MM 4.3-3LA:</b> Prior to issuance of the grading permit, the project proponent/engineering, procurement, and construction (EPC) contractor shall be required to demonstrate that the final construction plans will not result in exceedances of applicable Antelope Valley Air Quality Management District (AVAQMD) air emission significance thresholds, including criteria pollutant emission standards during construction of the project (except for emissions exceedances related to PM<sub>10</sub>, which are identified in this EIR) to the satisfaction of AVAQMD and the Los Angeles County Department of Regional Planning. The emission calculations shall include consideration of the emission reductions provided by implementation of required mitigation measures in this EIR.</p> <p>Prior to issuance of a grading permit, the project proponent shall prepare a report describing the final engineering design-based plan for constructing the project, including: 1) scheduling of construction activities; 2) equipment usage and details; 3) construction workforce loading; 4) truck deliveries schedule; and 5) ground disturbing/dust generating activities, etc.</p> <p><b>MM 4.3-4LA:</b> An air quality construction mitigation manager (AQCMM) or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes that have the potential to be transported: 1) off the project site; 2) 200 feet beyond the centerline of the construction of linear facilities; or 3) within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not resulting in effective mitigation. The AQCMM or Delegate shall promptly implement additional dust plume reduction measures in the event that such visible dust plumes are observed. Additional measures to be implemented, as necessary, shall include increased watering, application of dust palliatives, and/or scaled back construction activities up to and including temporary work cessation.</p>	



**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
<b>Impact 4.3-2:</b> The project would violate an air	Less than Significant	<p><b>MM 4.3-5LA:</b> All portable construction diesel engines not registered under CARB's Statewide Portable Equipment Registration Program, which have a rating of 50 hp or more, and all off-road construction diesel engines not registered under CARB's In-use Off-road Diesel Vehicle Regulation, which have a rating of 25 hp or more, shall meet the projected 2011 fleet average of NO<sub>x</sub> and PM emissions as that predicted by the OFFROAD2007 model. The engineering, procurement, and construction (EPC) contractor shall use the CARB Portable Diesel Engine Airborne Toxic Control Measure (ATCM) Fleet Calculators and the Off-road Diesel Fleet Average Calculators (for large/medium fleets) in accordance with the respective regulation under Title 13 of the California Code of Regulations (CCR) to conduct this comparison. No Tier 0 diesel equipment shall be used at the site after the initial calculation/registration without recalculation using the CARB fleet calculators. The fleet average calculation of the on-site equipment shall be conducted annually to ensure compliance. The EPC contractor shall ensure labeling of all portable and off road diesel equipment in accordance with Title 13 of the CCR.</p> <p><b>MM 4.3-6LA:</b> Where pile foundations are used, the engineering, procurement, and construction (EPC) contractor shall use 2006 model or newer engines in order to meet the EMFAC predicted emissions levels in grams of pollutant per mile travelled (g/mile) of on-road heavy duty diesel trucks used for water hauling at the site. The EPC contractor shall ensure labeling of such trucks to indicate model year.</p> <p><b>MM 4.3-7LA:</b> Any off-road stationary and portable gasoline powered equipment brought on site for construction activities shall have U.S. Environmental Protection Agency (USEPA) Phase 1/Phase 2 compliant engines, where the specific engine requirement shall be based on the new engine standard in affect two years prior to the commencement of project construction. In the event that USEPA Phase 1/Phase 2 compliant engines are determined not to be available, the project proponent shall provide documentation to the Antelope Valley Air Quality Management District (AVAQMD) with an explanation.</p> <p><b>MM 4.3-8LA:</b> Appropriate training for respiratory protection shall be provided to construction workers. Dust masks (NIOSH-approved) shall be provided with proper training to construction workers to mitigate the protection against dust exposure and possibly Valley Fever during high wind events and/or dust-generating activities.</p>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
quality standard or contribute substantially to an existing or projected air quality standard.			
<b>Impact 4.3-3:</b> The project would result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable federal or state ambient air quality standard.	Less than Significant	Implementation of MM 4.3-1 through MM 4.3-8.	Less than Significant
<b>Impact 4.3-4:</b> The project would expose sensitive receptors to substantial pollutant concentrations.	Less than Significant	Implementation of MM 4.3-1 through MM 4.3-8.	Less than Significant
Cumulative	Cumulatively Significant	Implementation of MM 4.3-1 through MM 4.3-8.	Significant and Unavoidable
<b>BIOLOGICAL RESOURCES (LOS ANGELES COUNTY)</b>			
<b>Impact 4.4-1:</b> The project would have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by CDFG or USFWS.	Significant	<p><b>MM 4.4-1LA.</b> The applicant shall provide environmental training to all personnel working on the site during project construction and operation in the form of a 'tailgate session.' The training shall include a review of special-status species known to occur in the project site to promote their awareness, and implementation measures if a species is encountered or killed. The sign-in sheet from this session shall be turned in to the Los Angeles County Department of Regional Planning. If a species is encountered or killed, the appropriate employee will be required to contact the on-call biological services provider and the Department of Regional Planning.</p> <p><b>MM 4.4-2LA.</b> If an injured or dead special-status species is encountered during construction, the applicant shall stop work within the immediate vicinity. The applicant shall notify the Los Angeles County Department of Regional Planning, the on-</p>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>call biologist, and the appropriate resources agency (e.g., U.S. Fish and Wildlife Service or California Department of Fish and Game) and comply with any actions required before construction is allowed to proceed.</p> <p><b>MM 4.4-3LA:</b> The following measures shall be implemented prior to issuance of a grading or building permit. Appropriate notes shall be included on any grading permit, building permit, or final map.</p> <p>a) Within 15 days of site clearing, a qualified biologist shall conduct a preconstruction migratory bird and raptor nesting survey. Surveys need not be conducted for the entire project site at one time; they may be phased so that surveys occur shortly before a portion of the site is disturbed. The surveying biologist must be qualified to determine the status and stage of nesting by migratory birds and all locally breeding raptor species without causing intrusive disturbance. This survey shall include species protected under the Migratory Bird Treaty Act including Swainson's hawk, LeConte's thrasher, and mountain plover. The survey shall cover all reasonably potential nesting locations for the relevant species on or closely adjacent to the project site.</p> <p>b) If an active nest is confirmed by the biologist, no construction activities shall occur within at least 300 feet of the nesting site until the end of the breeding season when the nest is confirmed to be no longer in use and the young have fledged. California Department of Fish and Game will be notified of the identification of active nests and will be consulted regarding resumption of construction activities.</p> <p><b>MM 4.4-4LA:</b> To mitigate for the potential impacts to burrowing owls, the following measures shall be implemented as part of the approval for a grading or building permit. Appropriate notes shall be included on any grading permit, building permit or final map.</p> <p>To avoid impacts on western burrowing owl, the following guidelines, adapted from the California Department of Fish and Game (CDFG) <i>Staff Report on Burrowing Owl Mitigation</i> (CDFG, 1995), shall be implemented:</p> <p>a) A qualified wildlife biologist (i.e., a wildlife biologist with previous burrowing owl survey experience) shall conduct a preconstruction survey to locate any breeding or wintering burrowing owls no more than 30 days prior to the start of construction.</p> <p>b) If no burrowing owls are detected, no further mitigation is necessary. If burrowing owls are detected, no ground-disturbing activities, such as road construction or</p>	

Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>installation of turbines or ancillary facilities, shall be permitted within 250 feet of an active burrow during the breeding season (February 1–August 31), unless otherwise authorized by the CDFG. Occupied burrows should not be disturbed during the nesting season unless a qualified biologist approved by the CDFG, verifies through noninvasive methods that either: (1) the birds have not begun egg-laying and incubation; or (2) juveniles from the occupied burrows are foraging independently and are capable of independent survival.</p> <p>c) During the nonbreeding (winter) season (September 1–January 31), ground-disturbing work can proceed near active burrows as long as the work occurs no closer than 160 feet from the burrow and the site is not directly affected by the project activity. If active winter burrows are found that would be directly affected by ground-disturbing activities, owls can be displaced from winter burrows. A qualified wildlife biologist shall install one-way doors at the entrance to the active burrow and other potentially active burrows within 150 feet of the active burrow. Forty-eight hours after the installation of the one-way doors, the doors can be removed, and ground-disturbing activities can proceed.</p> <p>d) Should burrowing owls be found on-site, and if it is determined that the proposed project would reduce suitable habitat on-site below CDFG threshold levels, the habitat shall be replaced off-site if no suitable on-site habitat is available. Off-site habitat must consist of suitable burrowing owl habitat, as defined in the Burrowing Owl Survey Protocol, and the location shall be approved by the CDFG. The appropriate replacement ratio will be determined through consultation with the CDFG.</p> <p><b>MM 4.4-5LA:</b> The following measures shall be implemented prior to issuance of a grading or building permit. Appropriate notes shall be included on any grading permit, building permit, or final map:</p> <p>A qualified biologist shall conduct focused preconstruction surveys no more than two weeks prior to commencement of construction activities for potential American badger or desert kit fox dens. Copies of the completed surveys shall be turned in to the Los Angeles County Department of Regional Planning. The survey shall be conducted in areas of suitable habitat for American badger and desert kit fox, which includes fallow agricultural land and scrub habitats (a total of 360 acres on the project site). Surveys need not be conducted for all areas of suitable habitat at one time; they may be phased so that surveys occur within two weeks prior to a portion of the site is disturbed. If no</p>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>potential American badger or desert kit fox dens are present, no further mitigation is required. If potential dens are observed, the following measures are required to avoid potential adverse effects to the American badger:</p> <ul style="list-style-type: none"> <li>a) If the qualified biologist determines that potential dens are inactive, the biologist shall excavate these dens by hand with a shovel to prevent badgers or foxes from re-using them during construction.</li> <li>b) If the qualified biologist determines that potential dens may be active, the entrances of the dens shall be blocked with soil, sticks, and debris for three to five days to discourage use of these dens prior to project disturbance. The den entrances shall be blocked to an incrementally greater degree over the three- to five-day period. After the qualified biologist determines that badgers and foxes have stopped using active dens within the project boundary, the dens shall be hand-excavated with a shovel to prevent re-use during construction.</li> <li>c) Construction activities shall not occur within 30 feet of active badger or fox dens.</li> </ul> <p><b>MM 4.4-6LA:</b> No earlier than 30 days prior to the commencement of construction activities, a preconstruction survey shall be conducted by a qualified biologist to determine if active maternity roosts of bats are present. Copies of the completed survey shall be turned in to the Los Angeles County Department of Regional Planning. The survey shall be conducted in areas considered suitable habitat for bats, which consists of abandoned structures, windbreaks, orchards, and scrub (a total of approximately 196 acres) that occurs within the project disturbance zone or within 300 feet of the project disturbance zone boundary. Surveys need not be conducted for all areas of suitable habitat at one time; they may be phased so that surveys occur within 30 days prior to a portion of the site is disturbed. If an active maternity roost is identified in these areas, the maternity roost will not be directly disturbed, and some construction activities within 300 feet of the maternity roost may be postponed or halted until the maternity roost is vacated and juveniles have fledged, as determined by the biologist. The breeding season for native bat species in California is approximately March 1 through August 31.</p> <p><b>MM 4.4-7LA:</b> Preconstruction surveys and avoidance measures shall be implemented for coast horned lizard and silvery legless lizard.</p> <p>For construction activities occurring in or directly adjacent to occupied or suitable habitat for coast horned lizard and silvery legless lizard, preconstruction surveys shall be conducted by a qualified biologist to determine if these special-status species are</p>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>present. Copies of the completed surveys shall be turned in to the Los Angeles County Department of Regional Planning. Surveys need not be conducted for all suitable habitat areas at one time; they may be phased so that surveys occur shortly before a portion of the site is disturbed. If visual searches or raking (in the case of silvery legless lizard) are used for preconstruction surveys, the biologist shall conduct surveys no earlier than 72 hours prior to disturbance, and if pitfall trapping is used, the biologist shall conduct trapping no earlier than 5 days prior to disturbance. If these species are located in the disturbance zone, then individuals shall be captured and relocated to suitable habitat for the species within the open space.</p> <p><b>MM 4.4-8LA:</b> To mitigate for potential impacts to desert tortoise, the following measures shall be implemented as part of the approval for a grading or building permit. Appropriate notes shall be included on any grading permit, building permit or final map. In the event a desert tortoise is encountered during construction, the project proponent will not move or otherwise disturb the desert tortoise, will cease work within 100 feet of the tortoise, and will immediately contact the U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Game (CDFG) for further consultation. In order to minimize potential direct or indirect impacts (loss of habitat), mitigation measures are required.</p> <p>a) Prior to construction, the applicant may contact the USFWS and CDFG to determine if preconstruction surveys and tortoise-proof fencing are warranted for the project site given the most up to date information on tortoise range. If the USFWS and CDFG determine that surveys and/or fencing are not required, the applicant may proceed with construction without further measures. Copies of the correspondence shall be submitted to the Los Angeles County Department of Regional Planning. If the USFWS and CDFG are not consulted, the applicant will implement the measures described below.</p> <p>b) If the USFWS and/or CDFG determine that surveys are warranted based on the coordination described above, pre-construction tortoise clearance surveys shall be conducted at 15 foot intervals to locate and remove desert tortoises prior to grading or ground disturbance. The survey shall be conducted by an Authorized Biologist within 24 hours of the onset of the surface disturbance unless a tortoise-proof fence has been installed that would prevent reentry of the animals. An "Authorized Biologist" is defined as a wildlife biologist who has been authorized to handle desert tortoises by USFWS and CDFG for this project. Name(s) of proposed Authorized Biologist(s) must be submitted to USFWS and CDFG for approval at</p>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>least 15 days prior to anticipated need.</p> <p>All burrows that could provide shelter for a desert tortoise should be excavated during the first clearance survey. If a tortoise is encountered while conducting a clearance survey or during burrow excavation the tortoise will not be handled but will be monitored from a distance to ensure its safety. No ground disturbance will be conducted within 100 feet of the tortoise until the tortoise has moved on its own out of the area, or until the project proponent has received approval from the USFWS and CDFG to move the tortoise off-site.</p> <p>c) Temporary tortoise-proof fencing shall be erected and maintained during construction between the interface of the project construction areas and any remaining desert tortoise habitat prior to initiating construction and clearance surveys for desert tortoises on site. The fence is intended to prevent tortoises from wandering onto the project site prior to and during construction. Tortoise fencing shall be a maximum ½" mesh size extending a minimum of 18" above the ground and buried at least 12" below the surface to ensure that tortoise do not burrow underneath the fence. Ongoing maintenance of the fencing shall occur with oversight by an authorized biologist. Fence inspections shall be conducted by an authorized biologist on a bi-weekly basis throughout construction in order to maintain compliance with mitigation measures.</p> <p>d) All construction personnel should undergo desert tortoise awareness training. An authorized biologist shall facilitate a "tailgate" meeting prior to the onset of vegetation clearance surveys and construction activities. Copies of the sign in sheet and any distributed materials shall be turned in to the Los Angeles County Department of Regional Planning.</p> <p>e) A raven management plan shall be developed for the project site in consultation with the USFWS and CDFG. This plan shall include at a minimum:</p> <ul style="list-style-type: none"> <li>i) Identification of all raven nests within the project area during construction.</li> <li>ii) Weekly inspection under all nests in the project area for evidence of desert tortoise predation (scutes, shells, etc.), and, if evidence of predation is noted, submit a report to CDFG, USFWS, and the Los Angeles County Department of Regional Planning within five calendar days; and</li> <li>iii) Provisions for the management of trash that could attract common ravens during the construction and operation phases of the project.</li> </ul>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>Should the USFWS determine it is necessary for the proposed project to participate in the regional comprehensive raven management plan, to address biological resources, the project proponent shall be subject to compensation through the payment of fees not to exceed \$150 per disturbed acre.</p> <p>f) Dogs shall be restrained either by enclosure in a kennel or by chaining to a point within the tortoise-proof enclosure if one has been constructed for the activity.</p> <p>g) All construction personnel shall watch for desert tortoises within the construction area whenever driving, transporting, or operating equipment. Driving speeds shall not exceed 20 miles per hour on approved non-public access roads.</p> <p>h) If no desert tortoises are found during preconstruction surveys, the project proponent will provide a report to USFWS and CDFG within one week of starting construction. Following construction, the project proponent will submit a report within 90 days, documenting applicable desert tortoise measures taken during the project, such as tortoise training, fence monitoring and maintenance, etc. If desert tortoises are found during surveys or construction, the applicant will notify the USFWS and CDFG immediately as specified above.</p>	
<b>Impact 4.4-2:</b> The project would have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in	Less than significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant



**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
local or regional plans, policies, or regulations, or by CDFG or USFWS.			
<b>Impact 4.4-3:</b> The project would have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.	Less than significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
<b>Impact 4.4-4:</b> The project would interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.	Less than significant	<b>MM 4.4-10LA:</b> The following measures shall be implemented prior to issuance of a grading or building permit:  The applicant shall submit written documentation to Los Angeles County Department of Regional Planning showing that all power lines are constructed to 2006 Avian Power Line Interaction Committee Guidelines. The applicant shall conform to the latest practices (as outlined in the 2006 Avian Power Line Interaction Committee document) to protect birds from electrocution and collision. Implementation of these guidelines shall be verified by Los Angeles County. The applicant shall install power collection and transmission facilities using Avian Power Line Interaction Committee standards for collision-reducing techniques as outlined in <i>Suggested Practices for Raptor Protection on Power Lines: The State of the Art in 2006</i> (Avian Power Line Interaction Committee, 2006).	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
<b>Impact 4.4-5:</b> The Project would conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.	Less than significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
Cumulative	Cumulatively Significant	Implementation of Mitigation Measures 4.4-1 through 4.4-10.	Significant and Unavoidable
<b>CULTURAL RESOURCES (LOS ANGELES COUNTY)</b>			
<b>Impact 4.5-1:</b> The project would cause a substantial adverse change in the significance of a historic resource, as defined in State CEQA Guidelines Section 15064.5.	Significant	<p><b>MM 4.5-1LA:</b> The applicant shall retain a qualified archaeologist, defined as an archaeologist meeting the Secretary of the Interior's Standards for professional archaeology, to carry out all mitigation measures related to archaeological and historical resources.</p> <p><b>MM 4.5-2LA:</b> If cultural resources are encountered, all activity within 60 feet of the find shall cease until it can be evaluated by a qualified archaeologist. Cultural resource materials may include, but are not limited to, historic resources such as household debris, ceramics, industrially related materials and fire-blown glass, metal, wood, brick, or structural remnants. If the qualified archaeologist determines that the resources may be significant, he or she will notify the County and will develop an appropriate treatment plan for the resources. Additional investigations may be required to mitigate adverse impacts from project implementation. These additional studies may include avoidance, testing, and evaluation, or data recovery excavation. The County shall consult with appropriate Native American representatives in determining appropriate treatment for unearthed cultural resources if the resources are prehistoric or Native American in nature.</p>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
<b>Impact 4.5-2:</b> The project would cause a substantial adverse change in the significance of an archaeological resource, pursuant to State CEQA Guidelines Section 15064.5.	Significant	<p>Implementation of Mitigation Measures 4.5-1, 4.5-2, and the following additional measures:</p> <p><b>MM 4.5-3LA:</b> Archaeological site AVSP-P-001 should be avoided. If avoidance of this site is not feasible, prior to issuing any grading or excavation permits and prior to any project-related ground disturbing activities, a detailed Archaeological Research Design and Treatment Plan (ARDTP) shall be prepared and implemented by a qualified archaeologist. The ARDTP would outline a data recovery plan that targets the recovery of important scientific data contained in the portion/s of the archaeological resource(s) to be impacted by the project. After the treatment plan is carried out, a report shall be prepared that summarizes the results of the data recovery effort and, based on its findings, re-assesses the need for the implementation of archaeological monitoring. The report shall be submitted to the appropriate County agency and to the Southern San Joaquin Valley Information Center.</p> <p><b>MM 4.5-4LA:</b> If the Archaeological Research Design and Treatment Plan (ARDTP) prepared by a qualified archaeologist determines that an archaeological monitor is required, prior to issuance of a grading permit, an archaeological monitor shall be retained by the applicant to monitor all ground-disturbing activities. Ground-disturbing activities to be monitored include, but are not limited to, brush clearance and grubbing, grading, trenching, excavation, and the construction of fencing and access roads. Pile driving is not considered to be a ground-disturbing activity. The duration and timing of monitoring shall be determined by the qualified archaeologist in consultation with the County and based on the grading plans.</p> <p>The archaeological monitor shall work under the supervision of the qualified archaeologist. In the event that cultural resources are unearthed during ground-disturbing activities, the archaeological monitor shall be empowered to halt or redirect ground-disturbing activities away from the vicinity of the find so that the find can be evaluated.</p> <p>Archaeological materials recovered during the investigation and archaeological monitoring shall be curated for posterity and access by future researchers at an accredited curational facility. A curation agreement shall be executed prior to the issuance of a grading permit.</p> <p><b>MM 4.5-5LA:</b> Prior to construction, the qualified archaeological monitor or qualified designee shall conduct a brief educational workshop such that all construction personnel understand monitoring requirements, roles and responsibilities of the</p>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>monitors, and penalties for unauthorized artifact collecting or intentional disturbance of archaeological resources. The construction worker training shall include an overview of potential cultural and paleontological resources that could be encountered during ground disturbing activities to facilitate worker recognition, avoidance, and subsequent immediate notification to a designated on-site cultural monitor for further evaluation and action, as appropriate.</p> <p><b>MM 4.5-6LA:</b> A Native American monitor shall be notified prior to construction and allowed the opportunity to be present during all ground disturbing activities, including vegetation clearing, grubbing, grading, filling, drilling, and trenching. In the event that any sacred site or resource is identified, a Native American monitor shall be retained to divert construction activities to another area of the project site while a proper plan for avoidance or removal is determined to the satisfaction of the Los Angeles County Department of Regional Planning.</p>	
<b>Impact 4.5-3:</b> The project would directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.	Significant	<p><b>MM 4.5-7LA:</b> Prior to the issuance of grading permits, a qualified paleontologist shall be retained and approved by the lead agency to monitor all ground-disturbing activity that occurs deeper than five feet below ground surface. Pile driving is not considered to be a ground-disturbing activity. The duration and timing of monitoring shall be determined by the qualified paleontologist in consultation with the appropriate agency and based on the grading plans. Initially, all ground-disturbing activities deeper than five feet shall be monitored. However, during the course of monitoring, if the paleontologist can demonstrate that the level of monitoring should be reduced, the paleontologist, in consultation with the appropriate agency, may adjust the level of monitoring to circumstances as warranted.</p> <p>If a potentially significant fossil is found, the paleontologist shall be allowed to temporarily divert or redirect grading and excavation activities in the area of the exposed fossil to facilitate evaluation and, if necessary, salvage. Any fossils encountered and recovered shall be catalogued and donated to a public, non-profit institution with a research interest in the materials, such as the Natural History Museum of Los Angeles County. Accompanying notes, maps, and photographs shall also be filed at the repository.</p> <p>Following the completion of the above tasks, the paleontologist shall prepare a report documenting the absence or discovery of fossil resources on-site. If fossils are found, the report shall summarize the results of the inspection program, identify those fossils encountered, recovery and curation efforts, and the methods used in these efforts, as</p>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
		well as describe the fossils collected and their significance. A copy of the report shall be provided to the Los Angeles County Department of Regional Planning and to the Natural History Museum of Los Angeles County.	
<b>Impact 4.5-4:</b> The project would disturb human remains, including those interred outside of formal cemeteries.	Significant	<b>MM 4.5-8LA:</b> If human skeletal remains are uncovered during project construction, the project proponent (depending upon the project component) shall immediately halt work, contact the Los Angeles County Coroner to evaluate the remains, and follow the procedures and protocols set forth in Section 15064.4 (e)(1) of the CEQA Guidelines. If the County Coroner determines that the remains are American Indian, the project proponent shall contact the NAHC, in accordance with Health and Safety Code Section 7050.5, subdivision (c), and Public Resources Code 5097.98 (as amended by AB 2641). Per Public Resources Code 5097.98, the landowner shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the American Indian human remains are located, is not damaged or disturbed by further development activity until the landowner has discussed and conferred, as prescribed in this section (PRC 5097.98), with the most likely descendants regarding their recommendations, if applicable, taking into account the possibility of multiple human remains.	Less than Significant
Cumulative	Significant	Implementation of Mitigation Measures 4.5-1 through 4.5-8.	Less than Significant
<b>GREENHOUSE GAS EMISSIONS (LOS ANGELES COUNTY)</b>			
<b>Impact 4.6-1:</b> The project would generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
Cumulative	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
<b>HYDROLOGY AND WATER QUALITY (LOS ANGELES COUNTY)</b>			
<b>Impact 4.7-1:</b> The project	Less than	Compliance with the goals, policies, and implementation measures of the Kern County	Less than

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
would substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level.	Significant	General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Significant
<b>Impact 4.7-2:</b> The project would substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on site or off site.	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
<b>Impact 4.7-3:</b> The project would substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on site or off site.	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
<b>Impact 4.7-4:</b> The project would place within a 100-	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
year flood hazard area structures that would impede or redirect flood flows.		mitigation measures are proposed.	
Cumulative	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
<b>LAND USE AND PLANNING (LOS ANGELES COUNTY)</b>			
<b>Impact 4.8-1:</b> The project would conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect.	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant
Cumulative	Cumulatively Significant	<b>MM 4.8-1LA:</b> Prior to issuance of any building permit the applicant shall provide the County with a Decommission Plan for review and approval by Kern and Los Angeles Counties, or a County-contracted consulting firm(s) at a cost to be borne by the project proponent. The Decommission Plan shall factor in the cost to remove the solar panels and support structures, replacement of any disturbed soil from removal of support structures, and control of fugitive dust on the remaining vacant land. <u>Preservation of the vegetation planted on the site as part of the operational landscape re-vegetation and restoration plan is sufficient to fulfill the fugitive dust control requirement and shall be outlined in the Decommissioning Plan.</u> Salvage value for the solar panels and support structures shall be included in the financial assurance calculations. The assumption,	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>when preparing the estimate, is that the project proponent is incapable of performing the work or has abandoned the solar facility, thereby resulting in the County hiring an independent contractor to perform the decommission work. In addition to submittal of a Decommission Plan, the project proponent shall post or establish and maintain with the County financial assurances related to the deconstruction of the site as identified on the approved Decommission Plan should at any point in time the project proponent determine it is not in their best interest to operate the facility.</p> <p>The financial assurance required prior to issuance of any building permit shall be established using one of the following:</p> <ul style="list-style-type: none"> <li>a) An irrevocable letter of credit,</li> <li>b) A surety bond,</li> <li>c) A trust fund in accordance with the approved financial assurances to guarantee the deconstruction work will be completed in accordance with the approved decommission plan; or</li> <li>d) other financial assurances as reviewed and approved by the respective County administrative offices, in consultation with the Kern County Planning and Community Development Department or Los Angeles County Department of Regional Planning, as applicable.</li> </ul> <p>The financial institution or Surety Company shall give the County at least 120 days notice of intent to terminate the letter of credit or bond. Financial assurances shall be reviewed annually by the respective counties or County-contracted consulting firm(s) at a cost to be borne by the project proponent to substantiate that adequate funds exist to ensure deconstruction of all solar panels and support structures identified on the approved Decommission Plan. Should the project proponent deconstruct the site on their own, the Counties will not pursue forfeiture of the financial assurance. Once deconstruction has occurred, financial assurance for that portion of the site will no longer be required and any financial assurance posted will be adjusted or returned accordingly. Any funds not utilized through decommission of the site by the County shall be returned to the project proponent.</p> <p>Should any portion of the solar field not be in operational condition for a consecutive period of twenty-four (24) months that portion of the site shall be deemed abandoned and shall be removed within sixty (60) days from the date a written notice is sent to the property owner and solar field owner, as well as the project operator, by the Counties. Within this sixty (60) day period, the property owner, solar field owner, or</p>	



**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>project operator may provide the respective planning departments a written request and justification for an extension for an additional twelve (12) months. The Kern County Planning and Community Development Director shall consider any such request at a Director's Hearing as provided for in Section 19.102.070 of the Kern County Zoning Ordinance; the Los Angeles County Director of Regional Planning shall consider the request in accordance with applicable County Code requirements. In no case shall a solar field which has been deemed abandoned be permitted to remain in place for more than forty-eight (48) months from the date the solar facility was first deemed abandoned.</p> <p><b>MM 4.8-2LA:</b> Prior to the operation of the solar facility, the applicant shall consult with the Department of Defense to identify the appropriate Frequency Management Office officials to coordinate the use of telemetry to avoid potential frequency conflicts with military operations.</p> <p><b>MM 4.8-3LA:</b> Prior to issuance of a grading permit, the applicant shall obtain authorization to modify the tree planting requirements of the Los Angeles County Green Building Ordinance from the Los Angeles County Director of Public Works and shall comply with all considerations and other terms of the Green Building Ordinance requirements to the satisfaction of the Director of Public Works (see Sections 22.52.2130.C.5 and Section 22.52.2150 of the Los Angeles County Code).</p> <p><b>MM 4.8-4LA:</b> <u>Prior to commencement of operations, the project proponent must submit a landscape re-vegetation and restoration plan for the project site. Ground cover must be native low-lying vegetation and must be installed under the solar panels on the entire site. Plants to be used must be determined through consultation with local experts and must be approved by the Los Angeles County Planning Director prior to planting. The plan must include a timeline for planting of the vegetation, percentage of the site to be covered, plants to be installed and detail the consultation efforts completed, and the methods and schedule for proposed maintenance, installation of wildlife-friendly fencing, prohibition on the use of rodenticides, and installation of desert kit fox dens, including escape and pupping dens. Ground cover must be continuously maintained on the project site by the project proponent in accordance with the Los Angeles County Zoning Ordinance. All areas identified for re-vegetation and restoration improvements shall be evaluated for compliance with the re-vegetation and restoration plan annually for a period of 3 years, beginning from the commercial operation date of the entire project, and with an annual evaluation report</u></p>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
<u>submitted to the Planning and Community Development Department Director.</u>			
<b>PUBLIC SERVICES (LOS ANGELES COUNTY)</b>			
<b>Impact 4.9-1:</b> The project would result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities; and/or result in the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services, which include: fire protection and police protection.	Significant	<p><b>MM 4.9-1LA:</b> The applicant shall work with County staff in Kern and Los Angeles Counties to determine how the receipt of sales and use taxes related to the construction of the project will be maximized. The sales and use taxes shall be divided between the two Counties proportionate to the amount of the project to be constructed in their respective jurisdictions. This process shall include, but is not necessarily limited to: applicant obtaining a street address within the unincorporated portion of the respective County for acquisition, purchasing, and billing purposes; applicant registering this address with the State Board of Equalization; applicant using this address for acquisition, purchasing, and billing purposes associated with the proposed project; and applicant allowing the respective County to use this sales tax information publicly for reporting purposes.</p> <p><b>MM 4.9-2LA:</b> The applicant will develop and implement a fire safety plan for use during construction and operation. The applicant will submit the plan, along with maps of the project site and access roads, to the Los Angeles County Fire Department for review and approval prior to the issuance of any building permit or grading permits. The fire safety plan will contain notification procedures and emergency fire precautions including, but not limited to, the following:</p> <ul style="list-style-type: none"> <li>a) All internal combustion engines, stationary and mobile, will be equipped with spark arresters. Spark arresters will be in good working order.</li> <li>b) Light trucks and cars with factory-installed (type) mufflers will be used only on roads where the roadway is cleared of vegetation. These vehicle types will maintain their factory-installed (type) muffler in good condition.</li> <li>c) Fire rules will be posted on the project bulletin board at the contractor's field office and areas visible to employees.</li> <li>d) Equipment parking areas and small stationary engine sites will be cleared of all extraneous flammable materials.</li> <li>e) Personnel will be trained in the practices of the fire safety plan relevant to their duties. Construction and maintenance personnel will be trained and equipped to extinguish small fires in order to prevent them from growing into more serious threats.</li> <li>f) The applicant will make an effort to restrict use of chainsaws, chippers, vegetation</li> </ul>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>masticators, grinders, drill rigs, tractors, torches, and explosives to outside of the official fire season. When the above tools are used, water tanks equipped with hoses, fire rakes, and axes will be easily accessible to personnel.</p> <p><b>MM 4.9-3LA:</b> Prior to the issuance of a grading permit, the Applicant shall obtain a site closure letter from the Los Angeles County Fire Department, Health Hazardous Materials Division. The Applicant shall conduct additional site assessment or remediation activities as required by and to the satisfaction of the Voluntary Oversight Program of the CUPA (Los Angeles County Fire Department, Health Hazardous Materials Division).</p> <p>Additional assessment and/or remediation may include the following:</p> <ul style="list-style-type: none"> <li>a) Preparation of applicable Phase II Environmental Site Assessment Work Plans that describe the proposed approach and methods to be used in characterizing shallow soils. The Work Plans shall include the proposed sampling locations, sample collection procedures, analytical methods, quality control measures, and a site-specific health and safety plan. The Phase II ESA(s) shall be submitted to the CUPA for regulatory review and approval.</li> <li>b) Implementation of the Phase II ESA Work Plan(s) with CUPA oversight.</li> </ul> <p>As necessary, Site Remediation Action Plans shall be developed. Upon CUPA concurrence with the recommendations presented the Phase II ESA(s), remedial action plans shall be prepared for submittal to the CUPA. The remedial action plans shall include the following.</p> <ul style="list-style-type: none"> <li>i) Remediation goals and cleanup criteria.</li> <li>ii) Evaluation of corrective action alternatives that compares the effectiveness, feasibility, and cost benefit of each alternative. The remedial action plans shall take into account existing and proposed uses of the Project area.</li> <li>iii) Identification of the preferred alternative with consideration of protection of resources within the Project area.</li> <li>iv) A detailed description of the access points and haul-out routes for remedial activities; remediation methods and procedures; mitigation of dust; minimization or avoidance of disturbance to sensitive ecosystems; and verification soil sampling and analysis. Included in the discussion shall be information on disposal sites, transport and disposal methods, as well as recordkeeping methods for documenting remediation, regulatory compliance,</li> </ul>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

Impact	Level of Significance before Mitigation	Mitigation Measures	Level of Significance after Mitigation
		<p>and health and safety programs for on-site workers.</p> <p><b>MM 4.9-4LA:</b> Prior to issuance of a grading permit, a soil management plan shall be submitted to the CUPA for review and approval. The plan shall include practices that are consistent with the California Title 8, Occupational Safety and Health Administration (Cal-OSHA) regulations, as well as CUPA remediation standards that are protective of the planned use. Appropriately trained construction personnel shall be present during site preparation, grading, and related earthwork activities (e.g., augering) to monitor soil conditions encountered. In order to confirm the absence or presence of hazardous substances associated with former land use, a sampling strategy may be implemented. The sampling strategy shall include procedures regarding logging/sampling and laboratory analyses. The Soil Management Plan shall outline guidelines for the following:</p> <ul style="list-style-type: none"> <li>a) Identifying impacted soil</li> <li>b) Assessing impacted soil</li> <li>c) Soil excavation</li> <li>d) Impacted soil storage</li> <li>e) Verification sampling</li> <li>f) Impacted soil characterization and disposal</li> </ul> <p><b>MM 4.9-5LA:</b> Prior to the commencement of any demolition activity on the Los Angeles County portion of the project site, the demolition contractor shall prepare a written Demolition Hazardous Building Materials Assessment and Management Program for review and approval by the Certified Unified Program Agency (CUPA), and/or other appropriate regulatory agency. The Demolition Hazardous Building Materials Management Program shall include an assessment for lead-based paint (LBP) and asbestos-containing material (ACM), and the following plans shall be prepared:</p> <ul style="list-style-type: none"> <li>a) Lead-based Paint Abatement and Management Plan. An LBP Abatement Plan shall be prepared and implemented by a qualified contractor. Elements of the plan shall include the following: <ul style="list-style-type: none"> <li>i) Containment of all work areas to prohibit off-site migration of paint chip debris.</li> </ul> </li> </ul>	

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
		<ul style="list-style-type: none"> <li>ii) Removal or encapsulation of all peeling and stratified LBP on building surfaces and on non-building surfaces to the degree necessary to properly complete demolition activities per the recommendations of the survey. The demolition contractor shall properly contain and dispose of intact LBP on all equipment to be cut and/or removed during demolition.</li> <li>iii) Providing on-site air monitoring during all abatement activities and perimeter monitoring to ensure no contamination of work of adjacent areas.</li> <li>iv) Cleanup and/or HEPA vacuum paint chips.</li> <li>v) Collection, segregation, and profiling waste for disposal determination.</li> <li>vi) Post-demolition testing of soil to assure that soil at the site is not contaminated by LBP.</li> <li>vii) Providing for appropriate disposal of all waste.</li> </ul> <p>Asbestos-containing Materials Abatement and Management Plan. Prior to demolition work that shall disturb identified ACMs, an ACM Abatement and Management Plan shall be prepared. Asbestos abatement shall be conducted during demolition activities, consistent with OSHA and air quality regulations. The Management Plan shall include detailed information regarding ACM classification, ACM hazard assessment (the possibility of fiber release from ACM is based on the materials condition, such as friability), ACM inventory information, training and qualification for workers, demolition handling procedures, waste management and disposal procedures, and emergency response procedures (in case of a release of friable materials) licensed asbestos abatement removal contractor shall remove the ACMs under the oversight of a California Certified Asbestos Consultant. All identified ACMs shall be removed and appropriately disposed of by a state-certified asbestos contractor. The proposed project shall include notification of demolition activities to the Antelope Valley Air Quality Management District.</p>	
Cumulative	Less than Significant	Implementation of Mitigation Measures 4.9-1 through 4.9-4.	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
<b>TRANSPORTATION AND TRAFFIC (LOS ANGELES COUNTY)</b>			
<b>Impact 4.10-1:</b> The project would exceed, either individually or cumulatively, an LOS standard established by the county Congestion Management Agency or adopted county threshold for designated roads or highways (specifically, would implementation of the project cause the LOS for roadways and/or intersections to decline below the following thresholds or further degrade already degraded segments: Metropolitan Bakersfield General Plan LOS "C", or Kern County General Plan LOS "D").	Less than Significant	<p><b>MM 4.10-1LA:</b> Prior to any construction activities and/or issuance of required encroachment permits from Caltrans and Los Angeles Counties, the project proponent shall prepare worksite traffic control plans for review and approval from Caltrans and the Los Angeles County Department of Public Works. The plans shall include: 1) the location and usage of appropriate construction work warning signs that shall be placed in accordance with the California Manual on Uniform Traffic Control Devices; 2) proper merging taper and/or shifting lane schematics; and 3) adequate work area and buffer zone designation as well as proper location and conduct of flagmen and the traffic management supervisor at the installation worksite area. The project worksite traffic control plans shall be coordinated with driver and worker safety in mind. Where the observed speed limit on affected roadways is 55 MPH or more, the plans shall incorporate and implement the following minimum standard requirements per the Work Area Traffic Control Handbook (WATCH):</p> <ul style="list-style-type: none"> <li>a) A Type C flashing arrow pane shall be used for each closed lane.</li> <li>b) The minimum height for traffic cones shall be 28 inches.</li> <li>c) A minimum of three advance warning signs shall be posted.</li> <li>d) Consideration of advanced safety enhancement measures shall be taken into account for workers in the work zones.</li> </ul> <p>The above safety and traffic control measures identified in the traffic control plans shall also be implemented at pole installation sites within the public road right-of-way and/or roadway crossings at a minimum.</p> <p>Additionally, the County, including the Los Angeles County Fire Department (LACFD) Fire Stations 78 and 112 shall be notified at least three days in advance of any street closures that may affect fire and/or paramedic responses in the area. Applicant shall provide alternate route (detour) plans to Los Angeles County, including three sets to the LACFD, with a tentative schedule of planned closures, prior to the beginning of construction.</p> <p><b>MM 4.10-2LA:</b> Prior to issuance of a grading permit, the project proponent shall document and submit all required information and/or material pertaining to the pavement conditions of 170th Street West including the formula for calculating the project's fair share of any repair and/or reconstruction of 170th Street West to the</p>	Less than Significant

**Table 1-6B (cont.). Los Angeles County – Summary of Impacts, Mitigation Measures, and Levels of Significance**

<b>Impact</b>	<b>Level of Significance before Mitigation</b>	<b>Mitigation Measures</b>	<b>Level of Significance after Mitigation</b>
		satisfaction of the Los Angeles County Department of Public Works (LACDPW). The project proponent shall reimburse the County of Los Angeles for the cost of any repairs and/or reconstruction of 170th Street West attributable to the project as agreed to by the LACDPW. The timing of any necessary repairs and/or reconstruction of 170th Street West and the required payment by the project proponent shall be determined by LACDPW.	
Cumulative	Less than Significant	Compliance with the goals, policies, and implementation measures of the Kern County General Plan and Los Angeles County General Plan is required. No additional mitigation measures are proposed.	Less than Significant